Approved: 1

## Мемо

To:	Kristopher Byrd, Well Construction Manager
From:	Tommy Laird, Well Construction Program Coordinator
Subject:	Re-review of Water Right Application G-19336
Date:	April 28, 2025

The attached application was forwarded to the Well Construction Section by the Groundwater Section. Stacey Garrison reviewed the application. Please see Stacey's Groundwater Review and the Well Reports.

Applicant's Well #1 (LANE 6159/LANE 80118): Based on a review of the original well report, and the alteration well report, Applicant's Well #1 seems to protect the groundwater resource.

The repair of Well #1 may not satisfy hydraulic connection issues

NOTICE TO WATER WELL CONTRACTOR C	OREGON 6159 State Well No. 15/460-5	20
STATE ENGINEER, SALEM, OREGON 97310 ATE ENGINPLEASE by within 30 days from the date of well completion.	e or print)	
		_
(1) OWNER:	(11) LOCATION OF WELL:	
Name Robert E. Bryson	County Lane Driller's well number	
Address 102 Lingo Lane, Junction City	<u><math>14</math></u> $14$ Section 20 T. t 5S R. $4W$ W.	<u>M.</u>
(2) TYPE OF WORK (check):	Bearing and distance from section or subdivision corner	
		<u> </u>
	· · · · · · · · · · · · · · · · · · ·	
If abandonment, describe material and procedure in Item 12.		<b></b> .
(3) TYPE OF WELL: (4) PROPOSED USE (check):	(12) WELL LOG: Diameter of well below casing	······
Rotary 🖸 Driven 🗌 🛛 Domestic 🎦 Industrial 🗌 Municipal 🗋	Depth drilled 35 ft. Depth of completed well 35	ft.
Dug 🔲 Bored 🗌 🔤 Irrigation 🗍 Test Well 🗌 Other 📋	Formation: Describe color, texture, grain size and structure of materia	uls;
(So CASING INSTALLED: 35	and show thickness and nature of each stratum and aquifer penetrate with at least one entry for each change of formation. Report each chan in position of Static Water Level as drilling proceeds. Note drilling rate	ed, 1ge
" Diam. from	- MATERIAL From To SWI	
" Diam. from ft. to ft. Gage		
PERFORATIONS: Perforated?  Yes X No.	Soft Brown Sandy Clay 3 7	
Type of perforator used Torrenx Mills	Orement Decimient of Chevrol	<u> </u>
Size of perforations $1/2$ in by 6 in.	Sand & Gravel         18         27           Sand Gravel & Clay         27         29	
138 perforations from 1816" ft. to 331 6" ft.	Cemented S nd & Gravel 27 35	
ft. to ft.	Cemented 5 nd & Graver	
perforations from ft. to ft. to		
ft. to ft.		
ft. to ft.		
(7) SCREENS: Well screen installed?  Yes K No Manufacturer's Name		
Type Model No		
Diam, Slot size Set from ft. to ft.		
Diam Slot size Set from ft. to ft.		
(8) WATER LEVEL: Completed well.		
Static level 16'6" ft. below land surface Date 8-2-67	······································	
Arcsian pressure       lbs. per square inch Date         (9) WELL TESTS:       Drawdown is amount water level is lowered below static level		
Was a pump test made? [] Yes X[] No If yes, by whom?		
	Work started 8-1-67 19 Completed 8-3-67 19	
Yield: gal./min. with ft. drawdown after hrs.	Date well drilling machine moved off of well $8-3-67$ 19	
1	D. William Mr. Hiller On and table Clambility of State	
<u> </u>	Drilling Machine Operator's Certification: This well was constructed under my direct supervision. Ma	te-
Bailer test 300 gal./min. with 27 ft. drawdown after 1 hrs.	rials used and information reported above are true to my b	est
Artesian flow g.p.m. Date	knowledge and belief. $\Omega_{10} = 10$	7
Temperature of water Was a chemical analysis made? Ves	[Signed] Elwood B. Nanderson Date 8-10, 196 (Drilling Machine Operator) Date	
(10) CONSTRUCTION: Well seal-Material used Bentonite Clay	Drilling Machine Operator's License No. 4.35	
Depth of seal	Water Well Contractor's Certification:	
Diameter of well bore to bottom of seal <u>10</u> in.	This well was drilled under my jurisdiction and this report	t is
Were any loose strata cemented off? 🗌 Yes 💽 No Depth	true to the best of my knowledge and belief. NAME Casey Jones Well Drilling Co Inc	
Was a drive shoe used? 🔂 Yes 🔲 No	(Person, firm or corporation) (Type or print)	
Did any strata contain unusable water? 🔲 Yes 🕞 No	Address Route 8 Box 695 Pleasant Hill	
Type of water? depth of strata	Address <sup>10</sup> (t) Address <sup>10</sup> (t	
· · ·	Allant of Comment	
Method of sealing strata off	[Signed] Address Total of Solution (Water Woll Contractor)	
· · ·	[Signed] Dellert & Tones	

STATE OF OREGON				LAN	E 80118 WELL I.D. LABEL# L 155365
WATER SUPPLY WEI	LL REPORT				<b>START CARD</b> # 1077098
(as required by ORS 537.5	45 & 537.765 and (	DAR 690-205	-0210)	4/22	D/2025         ORIGINAL LOG #         LANE         6159
) LAND OWNER	Owner We			<u> </u>	_
First Name JACOB		HOWELL			(9) LOCATION OF WELL (legal description)
Company WEST COAST WELI Address 27401 STOW PIT RD					County LANE Twp 15.00 S N/S Range 4.00 W E/W WM
City MONROE	State OR	Zip	07456		Sec <u>20</u> <u>NW</u> 1/4 of the <u>NE</u> 1/4 Tax Lot <u>500</u>
) TYPE OF WORK	New Well	☐ Deepening		Conversion	Tax Map Number         Lot           Lat        ' or 44.25600000         DMS or DD
× Altera	tion (complete 2a &	10) Abai	ndonmer	nt(complete 5a)	
a) <b>PRE-ALTERATION</b>		Gul DI		<b>T</b> T1 1	Long' " or123.19900000 DMS or DD
$\begin{array}{c c} Dia + From \\ Casing: 6 & 0 \end{array}$	<u>1 To Gauge</u> 35 0.250		stc Wld		29249 LINGO LANE JUNCTION CITY OR 97448
Material		Amt sacks/ll			
Seal:					
) DRILL METHOD		п. п	<b>.</b>		(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft)
Rotary Air Rotary		Auger	Cable M	ud	Existing Well / Pre-Alteration
Reverse Rotary O					Completed Well
) PROPOSED USE	Domestic XI	-	Commu	nity	Flowing Artesian? Dry Hole?
Industrial/ Commercial					WATER BEARING ZONES Depth water was first found
Thermal Injection	Other				SWL Date From To Est Flow SWL(psi) + SWL(ft)
) BORE HOLE CONST		Special Sta	andard	(Attach cop	
Depth of Completed Wel	1 ft.	a <del>.</del>			
BORE HOLE Dia From To	Material	SEAL From	То	sack Amt lbs	
		TIOIII	10		
		C	alculate	d	
	]		1 1 4	1	(11) WELL LOG Ground Elevation 212 11 ET
			alculate	a	
Seal placement method: A					- Material From To
Backfill placed from ft.				Size	-
	pe II. Mat				-
Seal Placement Begin Date	pe	Begin Tim			
a) ABANDONMENT U	SING UNHYDI	RATED B	ENTO	NITE	
Proposed Amount		al Amount			
) CASING/LINER		Mat.			
C/L Dia + From	To Gauge		Thrd 3	Shoe Logation	
C $6$ $X$ $1$	0 0.250	ST X			
					-
		$  \vdash  $	$  \downarrow \downarrow \downarrow \downarrow$		
			То		
Temp casing Yes Dia	From+				
) PERFORATIONS/SC	REENS				
) PERFORATIONS/SCI Perforations	REENS Method				Construction
) PERFORATIONS/SC Perforations M Screens Type	REENS Method	Materia	-	t of Tele/	Construction     Begin Date     4/16/2025   Begin Time 10 01 End Date 4/16/2025
) PERFORATIONS/SC Perforations M Screens Type Perf/ Casing/ Screen	REENS MethodS	Materia	ot #	t of Tele/ lots Pipe size	Begin Date       4/16/2025       Begin Time       10       01       End Date       4/16/2025         (unbonded) Water Well Constructor Certification
) PERFORATIONS/SC Perforations M Screens Type Perf/ Casing/ Screen	REENS MethodS	Materia crn/slot S	ot #		Begin Date       4/16/2025       Begin Time       01       End Date       4/16/2025         (unbonded) Water Well Constructor Certification         I certify that the work I performed on the construction, deepening, alteration, or
) PERFORATIONS/SC Perforations M Screens Type Perf/ Casing/ Screen	REENS MethodS	Materia crn/slot S	ot #		Begin Date       4/16/2025       Begin Time       10       01       End Date       4/16/2025         (unbonded) Water Well Constructor Certification       I certify that the work I performed on the construction, deepening, alteration, o abandonment of this well is in compliance with Oregon water supply well
) PERFORATIONS/SC Perforations M Screens Type Perf/ Casing/ Screen	REENS MethodS	Materia crn/slot S	ot #		Begin Date         4/16/2025         Begin Time         10         01         End Date         4/16/2025
) PERFORATIONS/SC Perforations M Screens Type Perf/ Casing/ Screen	REENS MethodS	Materia crn/slot S	ot #		Begin Date       4/16/2025       Begin Time       01       End Date       4/16/2025         (unbonded) Water Well Constructor Certification       I certify that the work I performed on the construction, deepening, alteration, o abandonment of this well is in compliance with Oregon water supply wel construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
PERFORATIONS/SC) Perforations M Screens Type Perf/ Casing/ Screen Screen Liner Dia I	REENS MethodS From To	Materia crn/slot S width len	ot #		Begin Date       4/16/2025       Begin Time       01       End Date       4/16/2025         (unbonded) Water Well Constructor Certification         I certify that the work I performed on the construction, deepening, alteration, o abandonment of this well is in compliance with Oregon water supply wel construction standards. Materials used and information reported above are true to the best of my knowledge and belief.         License Number       Date
) PERFORATIONS/SC Perforations M Screens Type Perf/ Casing/ Screen	REENS MethodS From ToS um testing time is	Materia crn/slot S width len	ot #		Begin Date       4/16/2025       Begin Time       10       01       End Date       4/16/2025         (unbonded) Water Well Constructor Certification       I certify that the work I performed on the construction, deepening, alteration, o abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
) PERFORATIONS/SCI Perforations M Screens Type Perf/ Casing/ Screen Screen Liner Dia H Screen Liner Dia H WELL TESTS: Minimu	REENS Method	Materia crn/slot S: width len	em/ [	lots Pipe size	Begin Date       4/16/2025       Begin Time       10       01       End Date       4/16/2025         (unbonded) Water Well Constructor Certification       I certify that the work I performed on the construction, deepening, alteration, o abandonment of this well is in compliance with Oregon water supply wel construction standards. Materials used and information reported above are true to the best of my knowledge and belief.         License Number       Date
) PERFORATIONS/SCI Perforations M Screens Type Perf/ Casing/ Screen Screen Liner Dia H Screen Liner Dia H WELL TESTS: Minimu	REENS MethodS From ToS From toS un testing time is Yield	Materia crn/slot S: width len    5 1 hour Drill St	em/ [	lots Pipe size	Begin Date       4/16/2025       Begin Time       01       End Date       4/16/2025         (unbonded) Water Well Constructor Certification       I certify that the work I performed on the construction, deepening, alteration, o abandonment of this well is in compliance with Oregon water supply wel construction standards. Materials used and information reported above are true to the best of my knowledge and belief.         License Number       Date         Signed
) PERFORATIONS/SCI Perforations M Screens Type Perf/ Casing/ Screen Screen Liner Dia H Screen Liner Dia H WELL TESTS: Minimu	REENS MethodS From ToS From toS un testing time is Yield	Materia crn/slot S: width len    5 1 hour Drill St	em/ [	lots Pipe size	Begin Date       4/16/2025       Begin Time       10       01       End Date       4/16/2025         (unbonded) Water Well Constructor Certification       I certify that the work I performed on the construction, deepening, alteration, o abandonment of this well is in compliance with Oregon water supply wel construction standards. Materials used and information reported above are true to the best of my knowledge and belief.         License Number       Date         Signed
) PERFORATIONS/SCI Perforations M Screens Type Perf/ Casing/ Screen Screen Liner Dia H WELL TESTS: Minimu Type of Test	REENS MethodS From ToS From ToS Um testing time is Yield (gal/min ) Drawdo	Materia crn/slot S width len  s 1 hour  Drill St pwn Pump D	em/ [	lots Pipe size	Begin Date       4/16/2025       Begin Time       10       01       End Date       4/16/2025         (unbonded) Water Well Constructor Certification       I certify that the work I performed on the construction, deepening, alteration, o abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.         License Number       Date         Signed
) PERFORATIONS/SCI Perforations M Screens Type Perf/ Casing/ Screen Screen Liner Dia H WELL TESTS: Minimum Type of Test Temperature°F I	REENS Method	Materia crn/slot Si width len Interior Si s 1 hour Drill St own Pump D By	em/ [	lots Pipe size	Begin Date       4/16/2025       Begin Time       10       01       End Date       4/16/2025         (unbonded) Water Well Constructor Certification       I certify that the work I performed on the construction, deepening, alteration, o abandonment of this well is in compliance with Oregon water supply wel construction standards. Materials used and information reported above are true to the best of my knowledge and belief.         License Number       Date         Signed
) PERFORATIONS/SCI Perforations M Screens Type Perf/ Casing/ Screen Screen Liner Dia H WELL TESTS: Minimu Type of Test	REENS MethodS From ToS From ToS Um testing time is Yield (gal/min ) Drawdo	Materia crn/slot S width len  s 1 hour  bwn Pump D  By low) TDS am	em/ [	lots Pipe size	Begin Date       4/16/2025       Begin Time       10       01       End Date       4/16/2025         (unbonded) Water Well Constructor Certification       I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.         License Number       Date         Signed
) PERFORATIONS/SCI Perforations M Screens Type Perf/ Casing/ Screen Screen Liner Dia H WELL TESTS: Minimute Type of Test Temperature°F I Water quality concerns?	REENS Method	Materia crn/slot S width len  s 1 hour  bwn Pump D  By low) TDS am	em/ [ epth s ount 0	lots Pipe size	Begin Date       4/16/2025       Begin Time       10       01       End Date       4/16/2025         (unbonded) Water Well Constructor Certification       I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.         License Number       Date         Signed

ORIGINAL - WATER RESOURCES DEPARTMENT THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK Form Version: New exempt use wells must be submitted with a map and recording fee.

Approved:

## Мемо

To:	Kristopher Byrd, Well Construction Manager
From:	Tommy Laird, Well Construction Program Coordinator
Subject:	Review of Water Right Application G-19336
Date:	February 26, 2025

The attached application was forwarded to the Well Construction Section by the Groundwater Section. Stacey Garrison reviewed the application. Please see Stacey's Groundwater Review and the Well Report.

Applicant's Well #1 (LANE 6159): Based on a review of the Well Report, Well #1 does not appear to comply with current minimum well construction standards (See OAR 690 Division 210). The problem is that the Well Report indicates the well head is flush with land surface. In order to meet minimum construction standards, the well head must be at least one-foot above land surface.

Please note: The Well Report indicates the well casing is 35-inches in diameter, but the Groundwater Information System (GWIS) confirms the well casing is actually 6-inches in diameter. This review is based on the assumption that the casing is 6-inches in diameter.

My recommendation is that the Department **not issue** a permit for Well #1 unless it is brought into compliance with current minimum well construction standards or information is provided showing that it is constructed to meet current minimum well construction standards.

The construction of Well #1 may not satisfy hydraulic connection issues